**GATITU MIXED SEC SCHOOL**

**OPENER EXAM FORM 2 CHEM 20MKS**

1. Name the gas which is used together with oxygen in welding. 1mk
2. State two chemical tests for presence of water. 2mks
3. What is an alkali? 1mk
4. Name two deliquescent substances. 2mks
5. Study the following table.

Solution Ph

A 0.5

B 7

C 14

D 9

Classify the following solution as strong base, weak base, neutral, strong acid or weak acid. 4mks

1. The diagram below represent a set up for the lab preparation of oxygen gas
2. Name solid R 1mk
3. Write the word equation for reaction in flask. 1mk
4. Give two commercial uses of oxygen gas. 2mks
5. Write a word equation for the reaction between magnesium 3mks
6. Oxygen
7. Chlorine
8. Sulphuric acid
9. Sodium chloride (salt) is contaminated with copper ii oxide. Explain how pure sodium chloride can be obtained from the mixture. 3mks